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To: Commissioner for Patents for Examiner Javid A. Amini Group Art Unit 2628	Facsimile No.: 571/273-8300
From: Michele Morrow Legal Assistant to Gerald H. Glanzman	No. of Pages Including Cover Sheet: 5
Message: Enclosed herewith: <ul style="list-style-type: none">• Transmittal of Reply Brief; and• Reply Brief.	
Re: Application No. 09/833,348 Attorney Docket No: AUS920010010US1	
Date: Tuesday, June 27, 2006	
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JUN 27 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Brokenshire et al.

Serial No.: 09/833,348

Filed: April 12, 2001

For: Method and Apparatus for
Generating Gamma Corrected
Antialiased Lines

35525

PATENT TRADEMARK OFFICE
CUSTOMER NUMBER

Group Art Unit: 2628

Examiner: Amini, Javid A.

Attorney Docket No.: AUS920010010US1

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By:

Michele Morrow
Michele MorrowTRANSMITTAL OF REPLY BRIEFCommissioner for Patents
P.O. Box 1450
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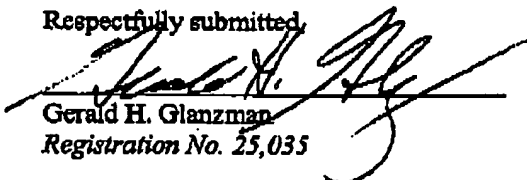
Sir:

ENCLOSED HERewith:

- Reply Brief (37 C.F.R. 41.41).

No fees are believed to be required. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to IBM Corporation Deposit Account No. 09-0447.

Respectfully submitted,


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PATENT

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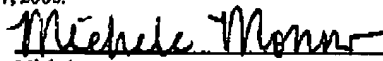
Examiner: Amini, Javid A.

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on June 27, 2006.

By:


Michele Morrow

REPLY BRIEF (37 C.F.R. 41.41)

This Reply Brief is submitted in response to the Examiner's Answer mailed on April 27, 2006.

No fees are believed to be required to file a Reply Brief. If any fees are required for filing this
Reply Brief, those fees are dealt with in the accompanying TRANSMITTAL OF REPLY BRIEF.(Reply Brief Page 1 of 3)
Brokenshire et al. - 09/833,348

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RESPONSE TO EXAMINER'S REMARKS**I. 35 U.S.C. § 102(e), Anticipation, Claims 1-7, 9-10, 13-23 (Group A)**

On page 3 of the Examiner's Answer dated April 27, 2006, the Examiner asserts that claim 22 is the broadest independent claim in the application because it does not contain the adverb "only" as recited in other independent claims on appeal herein. Appellants respectfully disagree.

Independent claims 1, 7, 13 and 19 recite that "the gamma correction is applied only to the primitives defining lines", and claim 20 recites, using somewhat different terminology, that "the gamma correction unit only generates a gamma corrected value for pixels that are part of a line". Appellants submit that claim 22 is of generally corresponding scope as the other independent claims in this regard, although it also describes this aspect of the invention using somewhat different terminology.

Claim 22 on appeal herein is as follows:

22. A method in a data processing system for antialiasing lines for display, the method comprising:
generating graphics data for display;
determining whether the graphics data comprises a line;
if the graphics data comprises a line, sending the graphics data to an adapter;
applying a gamma correction to the graphics data to form an antialiased line.

Claim 22 recites that it is determined whether graphics data generated for display comprises a line, and sending the graphics data to an adapter if the graphics data comprises a line. A gamma correction is then applied to the graphics data to form an antialiased line.

From this terminology of claim 22, it is clear that only graphics data that comprises a line is sent to an adapter, and that a gamma correction is applied only to graphics data that comprises a line. If the graphics data did not comprise only a line, it would comprise a region that included a line, and applying a gamma correction to a region of graphics data would not form an antialiased line as required by claim 22, but would affect the entire region of the display.

Accordingly, Appellants submit that the Examiner is incorrect in contending that claim 22 is the broadest independent claim merely because it does not specifically include the adverb "only".

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Appellants instead submit that claim 22 is of comparable scope as other independent claims on appeal herein, at least with respect to that aspect of the invention, and it is respectfully requested that the Board so find.

CONCLUSION

In view of the above, and for the reasons set forth in detail in the Appeal Brief dated February 19, 2004, Appellants respectfully submit that claims 1-23 on appeal herein patentably distinguish over Warren, considered alone or in view of Deering, and fully satisfy the requirements of 35 U.S.C. 112. Accordingly, Appellants respectfully request the Board of Patent Appeals and Interferences to not sustain the rejections set forth in the Final Office Action and in the Examiner's Answer.


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